



PRODUCT DATA

Brand Name:

MULCORITE EXT 17

Description:

A MULLITE-CORDIERITE MIX WITH EXCELLENT THERMAL SHOCK RESISTANCE

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 2336°F (1280°C)

Bulk Density (pcf)

As Received 127 (2.03 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1746 (122 kg/cm²)

Apparent Porosity (%)

As Received 23 - 28

Water Absorption (%)

As Received 12 - 15

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	48.8
Silica (SiO ₂)	44.4
Iron Oxide (Fe ₂ O ₃)	0.8
Magnesia (MgO)	4.6
Titania (TiO ₂)	0.5
Lime (CaO)	0.1
Alkalis (Na ₂ O+K ₂ O)	0.8

Brand Code: 5497

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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